

X 100% Optical Test

X Test Certificate with each cable

X Batch Number Tracking

Features

- 100% Optical Test
- Batch Number Tracking
- White 900 micron 62.5/125 cable
- Choice of length
- Each cable is individually bagged and labelled

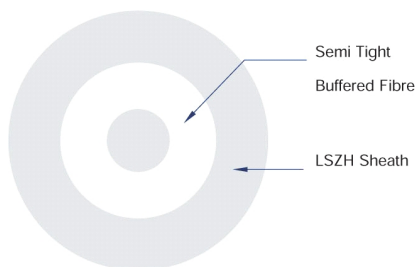
- Test Certificate with each cable
- Semi tight buffered 'easy strip' fibre
- Broad range of connectivity options
- RoHS Compliant
- Factory terminated under ISO9001 quality control procedures

Product Overview

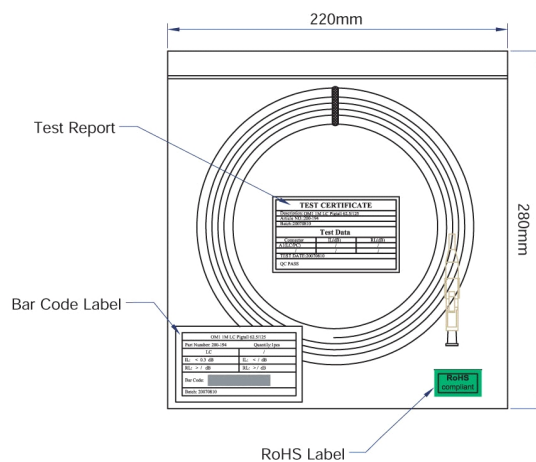
Excel fibre optic pigtails are manufactured from the highest quality 900 micron optical fibre, terminated with ceramic ferrule connectors of various types. To assist in fast cable preparation and splicing semi tight buffered, easy strip, cable is used as standard. Cable preparation, termination and testing is carried out to strictly managed procedures in an Excel approved, ISO9001 registered manufacturing facility.

Each pigtail has a strain relief boot to prolong and maintain performance levels of the assembly. A short distance from the connector a label containing a unique batch number is fixed to cable for quality and traceability purposes.

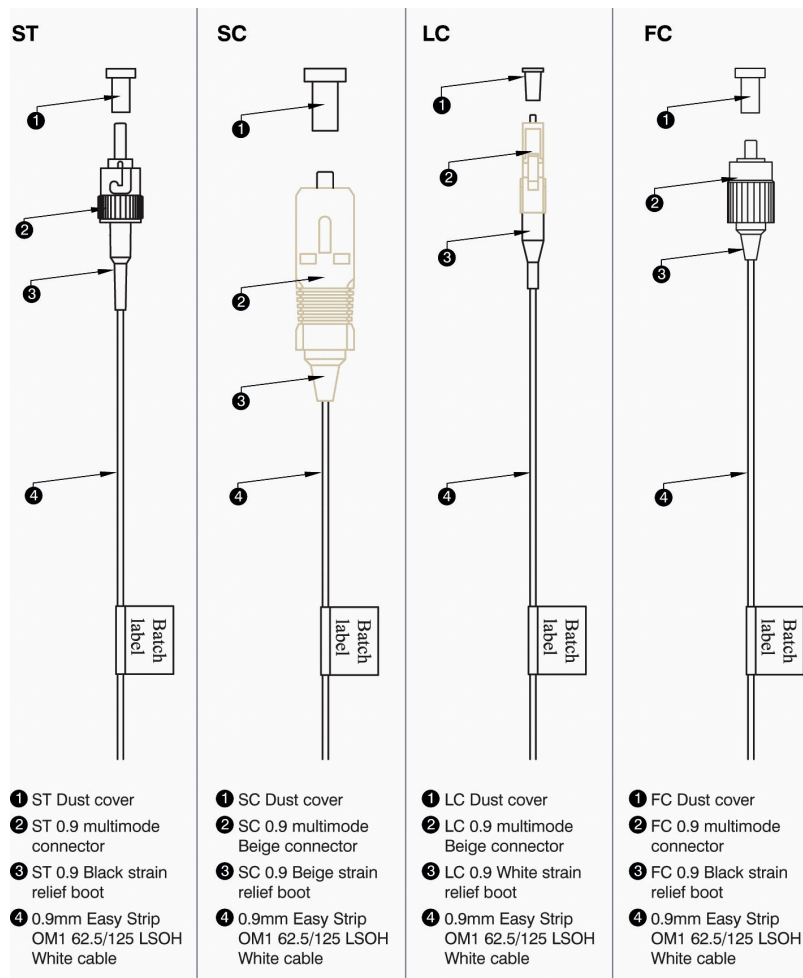
Cable Profile



Packaging



Product Schematics



Performance Characteristics

Cable

Measure	ST Assembly	SC Assembly	LC Assembly	FC Assembly
Attenuation Max dB @850nm	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5
Attenuation Max dB @1300nm	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
Bandwidth Min MHz.km @850nm	≥200	≥200	≥200	≥200
Bandwidth Min MHz.km @1300nm	≥500	≥500	≥500	≥500
No of Fibres	1	1	1	1
Outer Diameter mm	0.9	0.9	0.9	0.9
Outer sheath colour	White	White	White	White
Outer sheath µm	900	900	900	900
Outer sheath Material	IEC332-1 LSOH	IEC332-1 LSOH	IEC332-1 LSOH	IEC332-1 LSOH
Temperature range °C	-20 to + 70	-20 to + 70	-20 to + 70	-20 to + 70
RoHS Compliant	Yes	Yes	Yes	Yes
Weight kg/km	0.9	0.9	0.9	0.9
Min Bend Radius mm				
During installation	5.0	5.0	5.0	5.0
After installation	3.0	3.0	3.0	3.0

Performance Characteristics (continued)

Connector

Measure	ST Connector	SC Connector	LC Connector	FC Connector
Insertion Loss dB @850nm	< 0.3	< 0.3	< 0.3	< 0.3
Ferrule	2.5mm ceramic	2.5mm ceramic	1.25mm ceramic	2.5mm ceramic
Housing	Nickel Brass	Composite	Composite	Nickel Brass
Connector Design	EC60874-10-1997	IEC61754-4	IEC61754-20	IEC61754-13-2006
End surface test	OP-03-05001	OP-03-05001	OP-03-05001	OP-03-05001

Part Number Information

Part No.	Description
200-556	Pigtail 62.5/125 OM1 ST - 2m
200-552	Pigtail 62.5/125 OM1 SC - 2m
200-558	Pigtail 62.5/125 OM1 LC - 2m
200-542	Pigtail 62.5/125 OM1 FC - 1m

Availability

Excel OM3 pigtails are generally available from stock in 1 and 2 metre lengths. For requirements which may vary from this, such as specific length, colour or labelling requirements, please contact your local Excel distributor.

Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at sales@excel-networking.com

